

Name _____
Acid – Base Research

Look up 3 different acids and 3 different bases. Determine what these acids and bases are most commonly used for. Determine their approximate pH values. Also research to find out what hazards they pose to your health if ingested, if it comes in contact with your skin, and if it gets in your eyes. Write down what web site you find this information. You must have at least 2 different web sites for this section and none of them can be Wikipedia or a Wiki page.

What is an acid? _____

What is a base? _____

Look up the term amphiprotic, what does it mean? _____

List one common substance that is considered to be amphiprotic _____

| | |
|---|---|
| <p>Acid 1: Name: _____</p> <p>pH: _____</p> <p>Uses: _____</p> <p>Hazards:</p> <p>If ingested:</p> <p>If in contact with skin:</p> <p>If in contact with eye:</p> | <p>Base 1: Name: _____</p> <p>pH: _____</p> <p>Uses: _____</p> <p>Hazards:</p> <p>If ingested:</p> <p>If in contact with skin:</p> <p>If in contact with eye:</p> |
|---|---|

Acid 2:
Name: _____

pH: _____
Uses:

Hazards:

If ingested:

If in contact with skin:

If in contact with eye:

Base 2:
Name: _____

pH: _____
Uses:

Hazards:

If ingested:

If in contact with skin:

If in contact with eye:

| | |
|--|--|
| <p>Base 3:</p> <p>Name: _____</p> <p>Uses:</p> <p>Hazards:</p> <p>If ingested:</p> <p>If in contact with skin:</p> <p>If in contact with eye:</p> | <p>Base 3:</p> <p>Name: _____</p> <p>Uses:</p> <p>Hazards:</p> <p>If ingested:</p> <p>If in contact with skin:</p> <p>If in contact with eye:</p> |
|--|--|

What web sites did you find this information?

1.) _____

2.) _____

What makes a strong acid, a strong acid (and I do not mean having a low pH) _____

What makes a strong base, a strong base (and I do not mean having a high pH) _____

